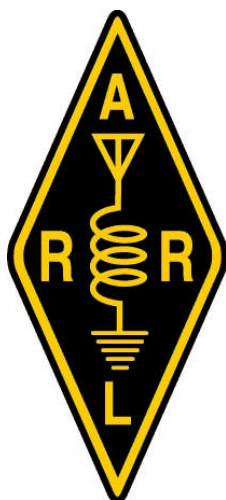
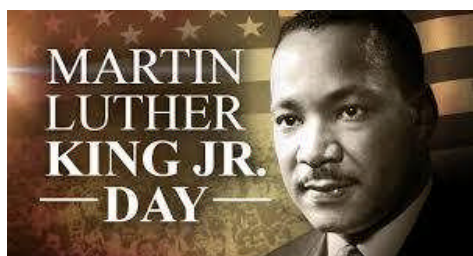


Friday January 17, 2025

7pm

License Testing 5:30pm

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THIS MONTH...

ARRL AFFAIRS

Presented by Mike Patterson, N6JGA



Mike has served as ARRL East Bay Section Manager since 2018. He was first licensed in 1994 and now holds an Extra Class class license. His amateur radio background is strong in mentoring, emergency communications, public service, and club leadership. An ARRL Life Member, Mike is also a Volunteer Examiner and serves on the Board of the Northern Amateur Relay Council of California (NARCC) and the PACIFICON Board. He is active in the local

CERT communications group (including trustee of the group's repeater), was a past MDARC president, and is a member of several clubs within and outside the Section. He is a member of the Mount Diablo Chapter of the Quarter Century Wireless Association. His previous club presentations were January 2022, May 2021 and May 2019.



Our in-person meeting will also be held virtually, via the Zoom video system. The meeting access ID and password will be distributed via groups.io email announcement.



We have many accomplished and experienced club members. After all, we are an ARRL Special Service Club! The club is looking for amateur radio or communications topics that you or someone you know could present at a future club meeting.

An alternative might be several short presentations on different topics made by multiple persons.

Please direct your suggestions to info@mdarc.org.

Your contribution is vital for the continued success of MDARC. We are eager to hear from you!

ALL MEMBERS ARE INVITED TO JOIN THE FREE CLUB E-MAIL GROUP AT:

<https://groups.io/g/MDARC>

Mount Diablo Amateur Radio Club W6CX
P.O. Box 23222 Pleasant Hill, CA 94523
(925) 288-1730 info@mdarc.org

The Carrier is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). It is the policy of the editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio and of interest to MDARC members, and provided space is available.

President - Larry Bradley, KK6QPE
Vice President - Michael Papp, WB6GJE
Secretary - Brian Lotter, KM6NGS
Treasurer - Barbara Whysong, K6WHY
Emergency Coordinator - Larry Loomer, KI6LNB

Directors At Large
 Trevor Hall, WA6JAU Cal Vasquez, K6VT
 Mark Fehlig WA6NGC Mike Warren, W6MEW

Membership Chair - Jan Kulisek, KM6NFC
mdarcmembership@mdarc.org

PACIFICON 2024

Chair: Julie Mah, WJ8MAH
Registration: Jim Marchetti, KD7G
Treasurer: Barbara Whysong, K6WHY
Secretary: Jeff Mah, N8MAH

COMMITTEE CHAIRS AND COORDINATORS

Annual Auction - **vacant**
Communications Trailer - Mike Warren, W6MEW
Communications Van MDARC-1 - Jim Tittle, K6SOE
Digital Media - Grant Bowman, K6CBK
Education & Training - **vacant**
Field Day - Larry Loomer, KI6LNB
Good & Welfare - Diana Sage, KA6TZU
Holiday Dinner - Misa Siemons, KJ6BUE
License Testing - Larry Loomer, KI6LNB
Outreach - Dick Wade, WM6G
Programs - Michael Papp, WB6GJE
Public Service - Larry Loomer, KI6LNB
Radio Equipment Lending - Cal Vasquez, K6VT
Refreshments - Elizabeth Styles, KG6HLV
Scholarship - Janice Fujii, KG6VTD
Technical Committee - Jim Tittle, K6SOE
Volunteer Classes - Dick Wade, WM6G
W6CX Repeater Trustee - Jim Tittle, K6SOE
W6LGW Callsign Trustee - Larry Loomer, KI6LNB

The Carrier Newsletter
Editor - Matthew G. Vurek, N4DLA
n4dla_cs245@yahoo.com
Proofreader - Larry Loomer, KI6LNB
Printing & Distribution - Jan Kulisek, KM6NFC
Digital Amateur Television Help and Information:
 Fred Coe, WB6ASU wb6asu@icloud.com

President's Message



MDARC Family,

Well, the New Year has arrived! Now we can look forward to what the new year will bring to our amateur radio hobby and joyment. I'm not one for making New Year's resolutions, but when I look at where I've been with amateur radio and look at the new year ahead, I cannot help but wonder what current skills I can become better doing. For example. MESH and DMR. As many know, I'm not an HF "guy," but it is a skill that would better prepare me ...all of us... as part of emergency preparedness.

Welcome to the 2025 MDARC Board who are here to assist you and move our Club forward. A special welcome to Michael Papp, WB6GJE, our new vice president!

President	Larry Bradley KK6QPE
Vice President	Michael Papp WB6GJE
Secretary	Brian Lotter KM6NGS
Treasurer	Barbara Whysong KA6WHY
Emergency Coordinator	Larry Loomer KI6LNB
Director at Large	Mike Warren W6MEW Cal Vasquez K6VT Trevor Hall WA6JAU Mark Fehlig WA6NGC



Although not possible for many of us, I am fortunate in being able to have an actual, real life ham shack in my backyard. No, not something custom built as a ham shack, but rather a repurposed garden shed. Out with the tools, gone with the potting soil and In with the radio "stuff." And if you are like me, this "stuff" accumulates and accumulates until there really is no more room to store it. During December I started an if-its-not-used-or-needed campaign, then it gets tossed, donated, or recycled. To date, I've completed the garage, and three sheds in the side yard. More to go, including "stuff" in the ham shack. Not a job I'm looking forward to doing, but necessary for peace of mind, organization, and better enjoyment of the space. This will have to

wait until nicer weather because this sort of job requires setting out a large tarp and removing everything not bolted down, Gee, maybe this means I can add new "stuff" and even have room for it! Yikes!

Have you ever considered how the term “system hardening” pertains to amateur radio? Here are a few definitions I found on the internet:

“System hardening is a process to secure a computer system or server by eliminating the risks of cyberattacks. The process involves removing or disabling system applications, user accounts and other features that cyber attackers can infiltrate to gain access to your network.” [What Is System Hardening? \(Definition and How It Works\) | Indeed.com](#)
“A process intended to eliminate a means of attack by patching vulnerabilities and turning off nonessential services.” [Hardening - Glossary | CSRC](#)

“Systems hardening is a collection of tools, techniques, and best practices to reduce vulnerability in technology applications, systems, infrastructure, firmware, and other areas.”

Each of these definitions is focused on preventing computer cyber attacks and since use of the Internet has become increasingly used ...and useful...for many amateur radio operators, it is important to safeguard your access to the internet to prevent malware, etc. Therefore, be sure to have good internet security software installed and maintain the updates.

Probably more relevant to most of us is the ability to maintain uninterrupted electrical power. I consider this need as part of “system hardening” because our ability to serve in the event of an emergency involves our entire communication system ...adequate radios, uninterrupted power, effective antennas, and practical skills.

Let’s face it, in the event of a major* earthquake, it is likely that electrical power will be lost which could last for a few hours or even days. Now that seriously affects our ability to assist in emergency communications. It is true that nearly all of us have some sort of battery backup, even if it is just the battery in our HTs. But what about sustainability over an extended length of time? Sure, more batteries could fill the bill and bridge the gap... for a while.

Personally, I have a few gas generators and at least two large power banks. But generators are only as reliable as there is gas...or that they will even start; power banks have a finite capacity and need recharging.

Something I did long ago was to install solar panels to the roof of my ham shack that maintain a charge to three deep-cycle batteries. The radio equipment can switch between the house and solar/battery systems. That solar project was my first attempt, and it was a great and rewarding endeavor, but in 2025 I’d like to do it again in order to simplify it and add greater capacity. You know how it is... we take lessons learned from one project and build those into our next project.

Well, that about wraps it up. Hope I may have motivated you to accomplish your projects in 2025.

Great book to read: At Pacificon I renewed my ARRL membership and got a free book: *Here to There: Radio Wave Propagation*. It has been an informative read and I’m about halfway through it. This is one book that I will want to reread and consult during the years.

*” *There is a 72 percent probability of at least one earthquake of magnitude 6.7 or greater striking somewhere in the San Francisco Bay region before 2043.*” USGS earthquake outlook for the San Francisco Bay region 2014-2043, excerpt from the Concord CERT [Basic CERT Participation Manual, Class #24-05](#)

73,
Larry Bradley, KK6QPE
MDARC President

Webmasters, social media people and systems/software engineers, Our club needs additional volunteers to join the Digital Media team. Let me know how you can help.

<https://www.mdarc.org/meetings/digital-media-meetings>

73,
Grant Bowman, K6CBK

2024 CLUB AWARDS

The MDARC Holiday Banquet was at Back Forty Texas BBQ in Pleasant Hill on Sunday December 1st. The club award winners this year are:

HAM OF THE YEAR

Julie Mah WJ8MAH

For five years that she has been the Pacificon committee chairperson. When the Pandemic hit Julie stepped up and managed Pacificon. We can Thank Julie and the entire Mah family for the effort they have contributed to keep Pacificon the best convention in California. Thank you, Julie!

KILROY KEY

Grant Bowman K6CBK

Grant has stepped up and done a great job maintaining all the websites for the club. Grant has also helped us with running the virtual computers for the License Classes and General Meetings. Grant is always ready to step up and pitch in when we need help. Thank you Grant !



The 19th annual Winter Field Day will be held on the weekend of January 25-26, 2025

The following text is from the Winter Field Day Association website www.winterfieldday.com :

Winter Field Day Association (WFDA) is a dedicated group of Amateur Radio Operators who believe that emergency communications in a winter environment is just as important as the preparations and practice that is done each summer during ARRL Field Day but with winter's unique operational concerns. WFDA believes that maintaining your operational skills should not be limited to fair weather scenarios often present during the summer's ARRL Field Day.

For further information, go to www.winterfieldday.com

Mount Diablo Amateur Radio Club

Membership Renewal (Jan 1- Dec 31)

Date: _____ Call (or SWL): _____ License Class: ☐ E ☐ A ☐ G ☐ T ☐ N

Name: _____ Nickname: _____

Address: _____ City: _____ State: _____ Zip: _____

Home Phone: () _____ Cell Phone: () _____

Your E-mail: _____

Spouse or Partner's Name: _____ Spouse or Partner's Call (or SWL): _____

Spouse or Partner's Unique E-mail: _____

Circle any phone numbers or e-mail address above that you do NOT want listed in the club roster.

Please note, we take care to ensure that member information is never used for non-club or commercial purposes.

Note: You may add a maximum of 3 Family Members at the same address. Attach page with details for this.

Additional Information

- Membership Card: If you would like to have a new membership card mailed to you please send a SASE to the Membership Chair, Mount Diablo Amateur Radio Club, P.O. Box 23222, Pleasant Hill, CA 94523-0222
- Are you an ARRL member? This is important to maintain MDARC's Special Service Club status with ARRL.
☐ ARRL Member ☐ ARRL Life Member

Gift Membership

If you would like to give this membership as a gift to someone else, please fill in the above personal information with the recipient's information; and the below with your own information. In the instructions, please tell us when we may advise the recipient of his/her membership, and if you want this to be anonymous.

Gift-giver's Name: _____ Gift-giver's Callsign (if any) _____

Gift-giver's contact information (e-mail or phone no.): _____

Instructions: _____ ☐ Anonymous

Fees

MDARC DUES for Individual or Family membership at the same address: This includes the electronic Carrier newsletter emailed monthly	\$45.00	\$
Student membership: (Full-time student, 24yr old max) This includes the electronic Carrier newsletter emailed monthly	\$15.00	\$
Carrier Newsletter: Optional <u>Paper</u> Copies & Mailing – Additional cost for <u>paper</u> copies and monthly mailing. It does NOT include the Directory – contact Membership.	\$18.00	\$
Repeater Support Donation – Help us keep your repeaters on the air with \$5 to \$50?		\$
Total:		\$

Please make your check payable to MDARC and mail to:

**MDARC
PO BOX 23222
PLEASANT HILL, CA 94523-0222**

MDARC Telephone: 925-288-1730

INFO@MDARC.ORG

Office Use Only

Date	ID#	\$	Ck#	Int'l's

Or Renew at below link:

<https://www.mdarc.org/about-us/joinrenewupdate>

Rev 2020-12-15

PUBLIC SERVICE EVENTS

Race to the Flagpole - Running Race Confirmed

Saturday, January 25, 2025

Running race from-to Independence Park in Livermore

Radio Coordinator: John Street, WB6ETY

<https://www.signupgenius.com/go/10Co844AEAD28A6FA7-race>

San Francisco Half Marathon - Running Race Confirmed

Sunday, February 2, 2025

Running Race in San Francisco

Radio Coordinator: [<antonis@aa6pp.org>](mailto:antonis@aa6pp.org)

<https://sanfranciscohalfmarathon.org/>

Livermore Half Marathon - Running Race Confirmed

Sunday, March 2, 2025

Running Race from-to Downtown Livermore

Radio Coordinator: George Moorhead, KG6GEM [<kg6wiu1@comcast.net>](mailto:kg6wiu1@comcast.net)

<https://www.signupgenius.com/go/10Co844AEAD28A6FA7-cinderella1>

Oakland Marathon - Running Race Confirmed

Sunday, March 23, 2025

Running Race in Downtown Oakland

Radio Coordinator: Mike Pompa, KB6MP [<mpompa@gmail.com>](mailto:mpompa@gmail.com)

<https://www.wv6or.com/oakland-marathon-signup>

Diablo Trails Challenge - Running Race Confirmed

Saturday, April 5, 2025

Running Race from Castle Rock Park, Walnut Creek

Radio Coordinator: Larry Loomer, KI6LNB [<larylloomer@yahoo.com>](mailto:larylloomer@yahoo.com)

Brazen Racing <https://brazenracing.com/diablotrailschallenge>

Cinderella Bike Ride - in Livermore Confirmed

Saturday, April 5, 2025

Ladies' Bike Ride around Livermore

Radio Coordinator: George Moorhead, KG6GEM [<kg6wiu1@comcast.net>](mailto:kg6wiu1@comcast.net)

<https://www.valleyspokesmen.org>

Primavera Ride - Rios Lovell Winery Confirmed

Sunday, April 13, 2025

Bike Ride in Livermore Valley

See: Larry Loomer, KI6LNB [<larylloomer@yahoo.com>](mailto:larylloomer@yahoo.com)

Tony Flusche <https://ffbc.org/primavera/>

PACIFICONSM 2024

ARRL Pacific Division Ham Radio Convention
Produced by the Mount Diablo Amateur Radio Club



PHOTOS !



K6ZA and KE6ZIW

About 3 weeks ago, Barry Isseks, K6ZA and Pete Harris, KE6ZIW uploaded their PACIFICON 2024 photo album.

This “dynamic duo” took almost 2,500 photos. They selected around 250 for the album, organized into the many diverse activities of PACIFICON. Their cameras were: the Canon 7D MII and the Nikon Z8 Mirrorless, with lenses of varying focal lengths and apertures.

See link to the album below along with enhanced viewing suggestions. Pete and Barry attempted to include as many of the activities and persons involved in the organizing and implementation of PACIFICON. They know they missed some, and apologize for that. Feel free to share this link with others.

<https://flic.kr/s/aHBqjBPtk9>

(Note: depending on the computer, viewing in the Firefox or Chrome browsers is better than in Microsoft Edge)

For enhanced viewing:

Instructions For Full-Screen Viewing On Computer:

- Click on the first photo thumbnail

- Click on little double-arrow in upper-right corner to enlarge
- Toggle menus on and off with F11 key (Control+Cmd+F on Macs),
- Use keyboard arrow keys to navigate

Instructions For Slide-Show Viewing On Computer or large-screen TV (with 4-second automatic advance):

- On album entry screen, click on little screen-arrow, at end of top line of thumbnails
- While in slideshow mode you can start or stop automatic advance with the space key, and navigate manually with the keyboard arrow keys

Barry Isseks, K6ZA and Pete Harris, KE6ZIW



Federal Communications Commission

FCC 24-134

Before the
Federal Communications Commission
Washington, D.C. 20554



In the Matter of

Jason M. Frawley

Licensee of Amateur Radio Station WA7CQ,
Lewiston, Idaho

)
)
)
)
)
)
)

File No.: EB-FIELDWR-21-00032537

NAL/Acct. No.: 202232030001

FRN: 0002984920

FORFEITURE ORDER

Adopted: December 26, 2024

Released: January 3, 2025

By the Commission: Commissioner Simington dissenting.

I. INTRODUCTION

1. We impose a penalty of \$34,000 against Jason Frawley (Frawley), licensee of amateur radio station WA7CQ, Lewiston, Idaho, for willfully and repeatedly operating without authorization and interfering with the radio communications of the United States Forest Service (U.S. Forest Service) in 2021 while the U.S. Forest Service and the Idaho Department of Lands were attempting to direct the operations of fire suppression aircraft working a 1,000-acre wildfire on national forest land outside of Elk River, Idaho. The Federal Communications Commission (Commission or FCC) previously issued a Notice of Apparent Liability for Forfeiture (NAL), in which we found that, over a two-day period, Frawley transmitted eight times without authorization on a frequency that was allocated to, and authorized for, government use, causing harmful interference to U.S. Forest Service radio frequency operations; the Commission proposed a \$34,000 fine.¹ In response, Frawley acknowledges that he operated on a frequency reserved for government use and for which he lacked any authorization but argues that he did not interfere with government communications and seeks either a cancellation or reduction of the proposed forfeiture.² After reviewing Frawley's response to the NAL, we find no reason to cancel, withdraw, or reduce the proposed penalty, and we therefore assess the \$34,000 forfeiture the Commission previously proposed.

The remaining text is at www.fcc.gov

MDARC General Meeting Minutes October 18, 2024

Held as hybrid Zoom and in-person meeting at PACIFICON

1. Call to Order: The meeting was called to order at 7:00 pm by MDARC president Larry Bradley KK6QPE.

a. Welcome to all: Larry KK6QPE welcomed all attendees.

b. Pledge of Allegiance: This was made by attendees.

c. Safety, Exits, Rest Rooms: Larry KK6QPE indicated the positions of the emergency exits and restrooms.

d. Acknowledge new members: New members were acknowledged.

e. Acknowledge visitors: Visitors were welcomed.

2. Approval of Minutes from the Last Meeting: The minutes of the September meeting were approved without objection.

3. Officer Reports:

a. President: Larry Bradley KK6QPE had no report.

b. Vice President: Ed Morales KJ6KYT had no report.

c. Secretary: Brian KM6NGS had no report.

d. Treasurer: Barbara Whysong K6WHY did not present a report at the meeting but did send one to members via email.

Monthly Report - SEPT, 2024			
STATEMENT OF ACTIVITIES			
	MDARC	Pacificon	TOTAL
<u>Credits</u>			
Membership	\$137.61		
Education	\$15.72		
Other	\$340.25		
Restricted donations (repeater)			
Unrestricted donations	\$24.08		
Pacificon		\$18,061.51	
Vendors & NP		\$1,338.52	
<u>Total Credits</u>	\$517.66	\$19,400.03	\$19,917.69
<u>Debits</u>			
Operations	\$878.52	\$830.51	\$1,709.03
Registration		\$1,830.56	\$1,830.56
Restricted donations (repeater)			\$0.00
Unrestricted donations	\$1,137.06		\$1,137.06
<u>Total Debits</u>	\$2,015.58	\$2,661.07	\$4,676.65
Change in Net Assets			\$15,241.04

Balance Sheet

September 30, 2024

ASSETS

Current Assets

Checking/Savings

Equipment Self-Ins Fun	64,1	1.02
------------------------	------	------

MDARC Savings	28,4	5.45
---------------	------	------

MDARC Checking	71,1	9.47
----------------	------	------

PACIFICON	5,1	7.83
-----------	-----	------

Total Checking & Savings	169,6	63.77
--------------------------	-------	-------

Total Current Assets	169,6	63.77
----------------------	-------	-------

TOTAL ASSETS	169,6	63.77
---------------------	--------------	--------------

LIABILITIES		0.00
--------------------	--	-------------

NET ASSETS		<u>169,663.77</u>
-------------------	--	--------------------------

Increase/ Decrease from prev month		15,241.04
-------------------------------------------	--	-----------

g. Membership: Jan KM6NFC, reported that there are 293 paying members and a total of 367 including family members. The total club membership is 379 when 12 honorary members are included. There are still 48 who haven't renewed yet.

h. Public Service: Larry KI6LNB had no report.

i. Vehicle Committee MDARC-1: Report not scheduled or unavailable.

j. License Testing: Report not scheduled or unavailable.

k. Trailer Committee: Report not scheduled or unavailable.

l. Field Day: Report not scheduled or unavailable.

m. Holiday Banquet: Report not scheduled or unavailable.

n. Election Committee: Larry KK6QPE reminded members that nominations for the MDARC Board close on October 31st. He pointed to Benjo Sevilla KA6BJS, who is one of the election committee members, and suggested that he should be contacted if anybody has a nomination for the MDARC Board.

o. Program Committee: Ed KJ6KYT had no report.

6. Unfinished Business:

a. None.

7. New Business:

a. None.

8. Adjourn Business meeting: The meeting was adjourned at 7:14 pm.

Respectfully submitted by:

Brian Lotter, KM6NGS

Secretary, on November 10, 2024.

MDARC Board of Directors Meeting November 4, 2024

Held at Zoom online

1. Call to Order: The meeting was called to order at 7:00 pm by Larry Bradley, KK6QPE after it was determined that there was a quorum for conducting Club business.

2. Roll Call: Attendees via Zoom screen shots:

Officers: Larry Bradley KK6QPE, President; Brian Lotter KM6NGS, Secretary; Barbara Whysong, K6WHY, Treasurer; Larry Loomer KI6LNB, Emergency Coordinator; Mike Warren W6MEW, Director at Large; Trevor Hall WA6JAU, Director at Large; Mark Fehlig, WA6NGC, Director at Large.

Committee Chairs/Coordinator: Grant Bowman K6CBK, Digital Media Chair; Julie Mah WJ8MAH PACIFICON Chair; Jan Kulisek KM6NFC Membership Coordinator; Jim K6SOE Rocky Ridge Repeater (aka Tech);

Guests: Mike Patterson N6JGA; John Rio N6RIO; Mike WB6GJE; Rich Peterson; Dave WA6UHA.

3. Approval of Minutes from Last Meeting: Mike W6MEW, seconded by Trevor WA6JAU, proposed a motion to approve the minutes. The minutes of the October 7th Board of Directors Meeting were unanimously approved.

4. Adopt Tonight's Agenda: Barbara K6WHY, seconded by Mike W6MEW proposed a motion to approve tonight's agenda, tonight's agenda was unanimously approved.

5. Officer reports:

a. President Larry Bradley KK6QPE – reported that he will be in Oregon for a week, starting December 16th.

b. Vice-President Ed Morales KJ6KYT – Was absent.

c. Secretary Brian Lotter KM6NGS – Had no report.

d. Treasurer Barbara Whysong K6WHY – Barbara presented the following report:

Monthly Report - OCT, 2024			
STATEMENT OF ACTIVITIES			
	MDARC	Pacificon	TOTAL
<u>Credits</u>			
Membership	\$505.26		\$505.26
Education	\$40.14		\$40.14
Other	\$253.61		\$253.61
Restricted donations (repeater)			\$0.00
Unrestricted donations			\$0.00
Pacificon		\$19,963.84	\$19,963.84
Vendors & NP		\$533.00	\$533.00
Kits		\$95.00	\$95.00
Swap meet		\$700.00	\$700.00
Ticket sales		\$990.00	\$990.00
			\$23,080.85
<u>Total Credits</u>	\$799.01	\$22,281.84	\$23,080.85
<u>Debits</u>			
Operations	\$1,365.57	\$425.99	
Hospitality		\$2,641.34	
Security		\$960.00	
Prizes		\$3,225.40	
Printing		\$329.90	
Restricted donations (repeater)			
Unrestricted donations	\$15.00		
<u>Total Debits</u>	\$1,380.57	\$7,582.63	\$8,963.20
Change in Net Assets			\$14,117.65

Balance Sheet	
October 31, 2024	
ASSETS	
Current Assets	
Checking/Savings	
Equipment Self-Ins Fun	64,501.70
MDARC Savings	28,437.39
MDARC Checking	85,124.50
PACIFICON	5,717.83
Total Checking & Savings	183,781.42
Total Current Assets	183,781.42
TOTAL ASSETS	183,781.42
LIABILITIES	
	0.00
NET ASSETS	183,781.42
Increase/Decrease from prev month	14,117.65

Mark Fehlig, WA6NGC asked why there was only one test fee in October since there were tests done at PACIFICON, Barbara replied that we did not pay for tests done at PACIFICON. He then asked what it would have cost if we had paid for them. Larry Loomer reported that there were about 60 test takers at PACIFICON. The resulting cost would have been \$960. Mark then asked how much of the \$1000 is left. Barbara replied that we have paid ARRL \$240 out of the \$1000.

Emergency Coordinator Report: Larry KI6LNB had no report.

7. Directors at large reports: Trevor Hall WA6JAU – Reported that he had paid the \$20 NARC dues. Mike Warren W6MEW – Had no director's report. Mark Fehlig WA6NGC – Had no director's report. Cal Vasquez K6VT – Was absent.

8. Committee Reports:

a. Auction: Vacant. No report was expected.

b. Communications Trailer: Mike W6MEW had no report.

c. Digital Media: Grant K6CBK reported that he had done some updates to the website.

f. Education and Training: Larry KK6QPE had no report.

g. Election Committee: Larry KK6QPE reported that ballots had been sent by email. With respect to problems with ballot reception, he stated that only current members receive ballots at the email address that is listed in the membership database. So, if you didn't pay your dues or you have not listed your correct email address in the membership database, you won't get a ballot. He also noted that he was aware of only one member who had complied with the above requirements, that did not receive a ballot.

h. Field Day: No report was expected. i. Holiday Banquet: Will be discussed in unfinished business below.

j. License Testing: Larry KI6LNB reported that there will be license testing at the General Meeting on November 15th.

k. Membership: Jan KM6NFC showed his Membership Report dated 11/04/2024. Paying members 299, All current members 363, New members this year 33, Renewals (last 30 days) 10, Past due 47, Life time + Honorary members 12. Barbara asked if she could have membership forms at the meetings so that she could collect dues, the answer was yes.

l. Mesh Committee: Mike W6MEW had nothing to add for Mesh.

m. Outreach: Dick Wade WM6G was not present.

n. PACIFICON: Barbara K6WHY reported the PACIFICON financials as follows; Income 67,737.18, Expenses to date 26,366.02, Outstanding expenses \$29k to \$30k. Estimated net of \$11,000.

o. Programs: There was no report.

p. Public Service: Larry KI6LNB reported that the Lake Chabot trail run takes place on Nov 16 but that he had not received a reply to his offer to support them. He expects that they will not accept our offer. There will be no further events until 2025.

q. Radio Lending Library: Cal K6VT was absent.

r. Rocky Ridge Repeater (Tech): Jim K6SOE reported that all equipment is working well on both repeater sites. He expects a PG&E power safety shutoff tomorrow, so our backup power systems will be tested.

s. Scholarship: No report was expected.

Larry introduced Michael Papp WB6GJE who is on our ballot for Vice President.

9. Future Meetings:

General Meeting: 11/15/2024 will be a hybrid, in-person and online. Larry stated that the election results will be presented at this meeting. He added that voting will also be possible at this meeting as well as on the Zoom chat. He asked people to vote ahead of time to simplify the process.

Board Meeting 12/02/2024 on Zoom only.

10. Unfinished Business:

10.1 Status report on revising Membership database for processing and tracking payments, new payment gateway status: Larry KK6QPE asked Jan KM6NFC to give us a quick rundown on what functionality we can expect. Jan showed the membership portal payment process and how to make a membership dues payment. He proposed that we go live on a limited basis by sending a link, to the payment process, to people who have not paid their dues yet.

In reply to Larry KK6QPE's question about backup he replied that Mike N6JGA and Grant K6CBK have full access to the membership portal and payment processing. i.e. the membership portal webspace and the database script but not the Stripe account. The database provider makes regular backups and Jan keeps a local backup too. The database host is jlkconsulting.info. There is a monthly hosting fee which Jan covers as part of his subscription to the service. If something happens to Jan, then we will have thirty days to move the database somewhere else. The actual hosting fee for our single database and website is approximately \$50/year. Jan agreed to send a PowerPoint presentation to Mike and Grant on how to operate the Membership portal.

When enough transactions have occurred, stripe will send Jan a self-assessment questionnaire.

Mike W6MEW, seconded by Barbara K6WHY, proposed a motion to activate the membership database, on a limited basis, to the 47 non-current members, Barbara and Jan, with results due by the end of Nov for discussion at the December Board Meeting. The motion was carried unanimously.

This process will make it possible to prove the reliability of the system so that the Board can approve the process of allowing it to go Live at the next Board meeting.

10.2 Financial Audit: Barbara K6WHY reported that Ed Morales, Cathi Walton and John Trinterud had met on Zoom, and will meet again this Friday on Zoom, after which a time frame for the report will be clear.

10.3 Asset List: Barbara K6WHY reported that she got a list of projectors from Trevor at PACIFICON and took pictures of a box of handhelds, that was also there. She got the serial numbers of each handheld in the box. She asked Trevor for a list of the equipment that is up on Mount Diablo and offered to join him up there to make the list.

10.4 \$3,500 anonymous donation to MDARC: \$240 of \$1000 has been used so far.

10.5 Election Committee formation: Larry KK6QPE stated that the ballots went out on November 1st and last day to vote is November 13th.

10.6 PACIFICON registration update: Grant stated that we 100 more attendees than last year.

10.7 Accounting Software review/purchase: Barbara stated that the purchase has been made and that she is working on the chart of accounts which is a whole new way of thinking.

10.8 2025 Budget: Larry KK6QPE asked Barbara to send out a copy of the current budget up to October so that people can see how they are doing, with respect to expenses and income, for the current year.

10.9 Holiday Banquet: Larry noted that Julie had sent out invitations already. There was a query from Mike N6JGA, as to whether representatives of ARRL should be invited. Larry thought that it was a good idea. It was noted that we won't comp their meals since they are not allowed to accept comps. Trevor stated that he has not received nominations for Ham of the Year or the Kilroy Key. This was discussed further under 11.3 below. Julie has informed us that the Banquet will be held on December 1st at the Back Forty and that reservations need to be made and paid for by November 23rd. Payments need to be made via cash, check or Venmo. The cost is \$63 and the room capacity is 80 people. Julie wanted to know the order of events at the dinner. After some discussion, it was decided that the awards will be announced just after dinner and then Pete's album will be screened. The dancing will take place after that and the music will be from individual Smart Phones. i.e. whatever music you want played should be available on your phone.

11. New Business:

11.1 Location for the recent purchase of two iPads that were used at PACIFICON: It was decided that Barbara should keep them so that they are available to her to use to collect money at meetings.

11.2 Link on MDARC website to store for merchandise: MDARC cost to implement= \$50 and will be paid by Barbara. The site will be linked to our website as soon as it is approved by the Board. MDARC will not receive any revenue from sales of these products.

11.3 Annual awards: Kilroy Key award, Ham of the Year award: Trevor stated that he will not have time to purchase the awards in time for the Banquet. Larry asked Trevor to choose two other people to form an awards committee. Trevor will ask for nominations which he expects to receive before the Banquet.

11.4 Trustees/ Licenses for W6CX (Jim Tittle, K6SOE) and W6LGW (Larry Loomer, KI6LNB): Larry KK6QPE queried the renewal dates for the licenses for the repeaters and Jim K6SOE stated that W6CX renewal is due in May 2025 while W6LGW is due in January 2033. This is done with the FCC via ARRL.

12. Good of the order:

Jeff Mah stated that someone handed back a prize that was won at PACIFICON and suggested that it could be awarded at the Banquet. It was decided that it would be raffled off at the next General Meeting.

13. Adjournment:

Mike W6MEW, seconded by Trevor WA6JAU, proposed a motion to adjourn. The motion was carried unanimously. Meeting Adjourned at 8:57 pm.

Respectfully submitted by Brian Lotter KM6NGS Secretary, November 24, 2024.

These meeting minutes were signed digitally due to the digital meeting.

MDARC Board of Directors Meeting December 2, 2024

Held at Zoom online

1. Call to Order: The meeting was called to order at 7:00 pm by Larry Bradley, KK6QPE after it was determined that there was a quorum for conducting Club business.

2. Roll Call: Attendees via Zoom screen shots:

Officers: Larry Bradley KK6QPE, President; Ed Morales KJ6KYT, Vice President; Brian Lotter KM6NGS, Secretary; Barbara Whysong, K6WHY, Treasurer; Larry Loomer KI6LNB, Emergency Coordinator; Mike Warren W6MEW, Director at Large; Mark Fehlig WA6NGC, Director at Large; Cal Vasquez K6VT, Director at Large.

Committee Chairs/Coordinator: Jan Kulisek KM6NFC Membership Coordinator.

Guests: Mike Patterson N6JGA, John Rio N6RIO, Dave WA6UHA, Deb Janke KM6IXM.

3. Approval of Minutes from Last Meeting: Ed Morales KJ6KYT, seconded by Mike W6MEW, proposed a motion to approve the minutes. The minutes of the November 4th Board of Directors Meeting were unanimously approved.

4. Adopt Tonight’s Agenda: Barbara K6WHY, seconded by Mike W6MEW proposed a motion to approve tonight’s agenda. It was unanimously approved.

5. Officer reports:

- a. President Larry Bradley KK6QPE – reported that he is planning to be in Oregon for his dad’s 104th birthday on February 11th 2025 and will be in Oregon for a few days around that date.
- b. Vice-President Ed Morales KJ6KYT – Thanked everybody for their support during his term as Vice President this year and offered his help to Michael Papp, WB6GJE.
- c. Secretary Brian Lotter KM6NGS – Had no report.
- d. Treasurer Barbara Whysong K6WHY – Barbara presented the following report.

Monthly Report - NOV 2024			
STATEMENT OF ACTIVITIES			
	MDARC	Pacificon	TOTAL
<u>Credits</u>			
Membership	\$508.77		\$508.77
Education			\$0.00
Other	\$335.88	\$118.00	\$453.88
Restricted donations (repeater)	\$115.00		\$115.00
Unrestricted donations	\$761.00	\$150.00	\$911.00
Pacificon			\$0.00
Holiday Party	2,390.24		\$2,390.24
			\$0.00
Total Credits	\$4,110.89	\$268.00	\$4,378.89
<u>Debits</u>			
Operations	\$727.00	\$35,411.20	\$36,138.20
Registration			\$0.00
Repeater	\$432.49		\$432.49
Total Debits	\$1,159.49	\$35,411.20	\$36,570.69
Change in Net Assets			-\$32,191.80

MDARC INCOME

Membership
Repeater Support donation

General donations

Cash sales
Holiday banquet

PACIFICON INCOME

General donations
Refund from USPS

MDARC Expenses

EIP monthly fee
Unwired monthly fee
NARCC annual fee

Van gas

Fast Fund monthly fee
Repeater equipment

Pacificon Expenses

Printing
Pipe & Drape (\$4525)
Technician class supplies

T-hunt supplies

Google workspace
Constant Contact

Marriott hotel \$(29,345.19)
Refunds

Balance Sheet
November 30, 2024

ASSETS

Current Assets

Checking/Savings

Equipment Self-Ins Funct 64,735.50

MDARC Savings 28,439.26

MDARC Checking 52,697.03

PACIFICON 5,717.83

Total Checking & Savings 151,589.62

Total Current Assets 151,589.62

TOTAL ASSETS 151,589.62

LIABILITIES 0.00

NET ASSETS 151,589.62

Increase/Decrease from prev month -32,191.80

Emergency Coordinator Report: Larry KI6LNB had no report.

7. Directors at large reports:

Mike Warren W6MEW – Had no director’s report.

Trevor Hall WA6JAU – Was absent

Mark Fehlig WA6NGC – Had no director’s report.

Cal Vasquez K6VT – Had no director’s report.

8. Committee Reports:

a. Auction: Vacant. No report was expected.

b. Communications Trailer: Mike W6MEW had no report but stated that it is parked and ready in front of Larry’s house.

c. Digital Media: Grant K6CBK was absent.

f. Education and Training: Larry KK6QPE stated that he had sent out the slides for the January Technician class and that all of the pertinent files are in the Google drive.

g. Election Committee: Larry KK6QPE asked for Benjo to send out an email via groups.io, announcing the results of the election.

h. Field Day: No report was expected.

i. Holiday Banquet: Larry stated that he had heard reports of how enjoyable the banquet had been and apologized for not being able to attend.

j. License Testing: Larry KI6LNB reported that there will be license testing on Saturday December 2nd from 9 to 11 am at his church on Kirker Pass Road.

k. Membership: Jan KM6NFC showed his Membership Report dated 12/02/2024. Paying members 300, All current members 365, New members this year 34, Renewals (last 30 days) 35, Past due 45, Life time + Honorary members 12. Jan reported that he had messaged all of the past due members and received replies from two of them. One renewed and the other said that he did not want to renew. Jan noted that renewals via the new membership portal, update the membership database automatically, while renewals via constant contact have a lag, because he has to update the database manually.

l. Mesh Committee: Mike W6MEW had no update for Mesh.

m. Outreach: Dick Wade WM6G was not present.

n. PACIFICON: No report was expected.

o. Programs: Ed reported that he has the first quarter of speakers lined up already.

p. Public Service: Larry KI6LNB reported that we will be supporting the Hope Walk for Cancer on Saturday, May 18, 2024. It will not be at Heather Farm, due to reconstruction work there, but will go from Civic Park up the Iron Horse trail towards Treat Boulevard.

q. Radio Lending Library: Cal K6VT reported that he had received all of the radios back from PACIFICON and is still waiting for a radio that he lent out to another user. Cal added that he has a Bird Wattmeter that he got from the Red Cross but does not know what slugs were included with it. Mike W6MEW added that he has a full range of slugs for the Bird Wattmeter.

r. Rocky Ridge Repeater (Tech): Mike W6MEW reported that it seems as though everything is working fine.

s. Scholarship: No report was expected.

9. Future Meetings:

General Meeting: 01/17/2025 will be a hybrid, in-person and online.

Board Meeting 01/6/2025 on Zoom only.

10. Unfinished Business:

10.1 Status report on revising Membership database for processing and tracking payments, new payment gateway status: Jan KM6NFC reported that seven people used the link to the membership database and there were no problems. Barbara reported that there was a delay in payments being sent from Stripe to the bank, for the previously discussed seven transactions, and believes that Stripe held them back for their validation process. She will know, in a few days, if the payments are successful. If they are successful then she will have no problem with the system going live. After further discussion, Mike W6MEW seconded by Brian KM6NGS, proposed a motion to activate the new payment gateway, for membership renewals only, contingent upon the successful receipt of payments by Barbara

10.2 Financial Audit: Larry KK6QPE showed the report which Barbara had submitted via groups.io. The conclusions were as follows;

“Conclusions: From the samples reviewed, there were no apparent missing critical records or any irregularities observed. However, the Treasurer mixed cash and accrual accounting reports that presented an audit difficulty. The monthly “Club Activity Report” in accrual format that was provided to the Board did not match the cash format on the bank statements. A detailed analysis showed end-of-year matching and no irregularities or unexpected differences.”

Mike W6MEW, seconded by Ed KJ6KYT, proposed a motion that the financial audit of the fiscal year 2023 be accepted as complete as of November 30th 2024.

The motion was unanimously approved.

10.3 Asset List: Barbara K6WHY stated that she will be working on this in the middle of 2025.

10.4 2025 Budget: The Budget was discussed in great detail and it was decided that the process will be completed in the January Board Meeting, since all of the required information was not yet available.

10.5 \$3,500 anonymous donation to MDARC: Larry noted that \$2500 is still available. Mike W6MEW proposed that some of the money be spent on name badges for new members. This item will be discussed further in the January meeting.

11. New Business:

There was no new business.

12. Good of the order:

Nothing was heard.

13. Adjournment:

Larry KK6QPE thanked Ed for his service as Vice President and invited him to attend future meetings to share his expertise with us. Ed replied that he will still be a member, will help with PACIFICON and attend as many Board Meetings as he can.

Barbara K6WHY, seconded by Mike W6MEW, proposed a motion to adjourn. The motion was carried unanimously. Meeting Adjourned at 8:33 pm.

Respectfully submitted by
Brian Lotter KM6NGS
Secretary, December 24, 2024.

These meeting minutes were signed digitally due to the digital meeting.

ESTATE SALE

Astron VS-35M 2 to 15 volts 35 amp power supply \$160

Astron RS-35M 35 amp power supply \$180

Kenwood IF-232C computer interface \$20

Kenwood TS-2000 HF/VHF/UHF Transceiver \$800

Kenwood SP-23 external speaker for TS-450 \$100

Yaesu G-800DXA rotator controller only (no rotator) \$80

Diamond MX-72H HF-VHF/UHF Duplexer \$30

Vibroplex Keyer \$90

McElroy semi-automatic telegraph key \$150

Reasonable offers for any of the above considered. Contact:

Kim Leong, N6YJ, 925-575-1941 or n6yj.qth@gmail.com

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FTM-500DR | C4FM/FM 144/430MHz Dual Band Xcvr

- Front Firing Acoustically Enhanced Speaker System • True Dual Band Operation, C4FM/C4FM Digital D-D Dual Receive • 2.4" High-Resolution Full-Color Touch Panel Display • Built-in High Precision GPS Receiver • Wireless Operation Capability with Optional Bluetooth® Headset

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- High-Res Full-Color Touch Screen TFT LCD Display • Easy Hands-Free Operation w/Built-In Bluetooth® Unit • Built-In High Precision GPS Antenna • 1200/9600bps APRS Data Communications • Supports Simultaneous C4FM Digital • Micro SD Card Slot



FT-65R | 144/430 MHz Transceiver

- Compact Commercial Grade Rugged Design • Large Front Speaker Delivers 1W of Powerful Clear Audio • 5 Watts of Reliable RF Power Within a compact Body • 3.5-Hour Rapid Charger Included • Large White LED Flashlight, Alarm and Quick Home Channel Access



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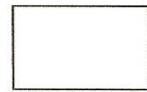
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The Carrier
Newsletter of the Mt. Diablo Amateur Radio Club
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www.mdarc.org



FIRST CLASS

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W6CX Nets

M-F 5:42 am Morning Muster 147.060+ 224.780- 441.325+

M-F 6:10am Commuter Net 147.060+ 224.780- 441.325+

Monday 8:00 pm SATERN Net 147.060+

Tuesday 7:30 pm Fat City 10 meter USB/CW Net 28.420 MHz

Tuesday 8:00pm Digital Practice Net 147.060+ 224.78- 441.325+

Wednesday 7:00 pm SKYWARN Net 147.060+

Wednesday 8:00pm Delta Amateur Radio Club Net 147.060+

Thursday 7:30 pm MDARC Club Net 147.060+

Thursday 8:00 pm Digital Amateur Television Net 147.060+

Club Voice Repeaters

147.060 MHz + / PL 100Hz

224.780 MHz - / PL 77Hz 441.325 MHz + / PL 100Hz

EchoLink: W6CX-R /133896, IRLP: 3057

DMR Repeater 144.925 offset plus 2.5 MHz color code 1

D-STAR 145.000 offset plus 2.5 MHz

<https://w6cx.dstargateway.org/>

DATV Internet Stream: <http://w6cxatv.mdarc.org>

YouTube Channel: [Media MDARC](#)

Contra Costa County Emergency Communications Nets Every Thursday

6:30 pm HF Countywide 3.893 MHz LSB

6:45 pm West County 145.110-- (82.5 PL)

7:00 pm Central County 145.680 Simplex

7:00 pm East County 146.535 Simplex

7:00 pm South County 147.480 Simplex

7:20 pm Countywide 145.490-- (107.2 PL)

or 147.735-- (107.2 PL)

or 145.410-- (107.2 PL)

Concord Auxiliary Radio Emergency Service (CARES)

Wednesday 8:00pm 147.405 Simplex

Digital Amateur Television Repeater

Digital ATV Output: 1244.500

Digital ATV Inputs: 1292.500, 1273.0, 917.0, 430.0

Analog ATV Input: 1270.000 FM (PL 192.8)

January and February 2025 Club Calendar

Friday January 17, 2025	7:00pm	MDARC General Meeting - Our Saviors Lutheran Church, 1035 Carol Lane, Lafayette
Saturday February 1, 2025	8:00am	MDARC Technical Committee Meeting - VIA VIDEO CONFERENCE
Monday February 3, 2025	6:30pm	MDARC Board of Directors Meeting - VIA VIDEO CONFERENCE
Friday February 21, 2025	7:00pm	MDARC General Meeting - Our Saviors Lutheran Church, 1035 Carol Lane, Lafayette